

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-752	SERIAL NO. 09/630,627
	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
PK	AA	4	8	3	3	2	5	1	05/23/89	Musso et al	548	303	11/16/87
	AB	4	8	7	4	8	1	3	10/17/89	O'Shannessy	525	54.1	02/09/87
	AC	4	9	2	7	8	7	9	05/22/90	Pidgeon	525	54.1	10/24/88
	AD	4	9	3	1	4	9	8	06/05/90	Pidgeon	525	54.1	02/25/88
	AE	5	1	5	1	5	0	7	09/29/92	Hobbs, Jr. et al.	536	23	06/12/91
	AF	5	1	3	0	4	4	6	07/14/92	Musso et al.	549	223	03/14/89
	AG	5	2	1	0	2	0	3	05/11/93	Musso et al.	548	130	05/07/92
	AH	5	2	3	7	0	1	6	08/17/93	Ghosh et al.	525	329.4	01/05/89
	AI	5	2	4	2	7	9	6	09/07/93	Prober et al.	435	6	10/22/91
	AJ	5	4	7	4	8	9	5	12/12/95	Ishii et al.	435	6	11/14/91
	AK	5	4	7	8	8	9	3	12/26/95	Ghosh et al.	525	329.4	08/5/93
	AL	5	5	2	1	2	9	0	05/28/96	Sivam et al.	530	391.5	11/21/94
	AM	5	6	6	3	2	4	2	09/02/97	Ghosh et al.	525	329.4	03/31/95
	AN	5	6	7	9	7	7	8	10/21/97	Abrams et al.	530	391.5	11/03/93
	AO	5	7	2	6	3	2	9	03/10/98	Jones et al.	552	105	05/08/95
	AP	5	7	8	9	5	7	6	08/04/98	Daily et al.	536	25.6	12/09/94
	AQ	5	7	9	2	6	1	5	08/11/98	Arnold et al.	435	6	03/06/97
	AR	5	8	3	7	8	5	6	11/17/98	Arnold, Jr. et al.	536	24.5	03/06/98
	AS	5	8	3	7	8	6	0	11/17/98	Anderson et al.	536	25.3	03/05/97
	AT	5	8	5	4	4	1	0	12/29/98	Arnold, Jr. et al.	536	23.1	03/31/94
	AU	5	8	5	6	5	7	1	01/05/99	Berninger et al.	564	37	06/07/95
	AV	5	8	7	4	5	5	2	02/23/99	Jones et al.	536	22.1	05/08/95
	AW	5	8	7	7	2	2	0	03/02/99	Schwartz et al.	514	626	03/06/97
	AX	5	8	8	0	2	7	0	03/09/99	Berninger et al.	530	391.1	12/23/97

EXAMINER

DATE CONSIDERED

8-7-06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next

BEST AVAILABLE COPY

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-752	SERIAL NO. 09/630,627
	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
PL	AY	5	9	5	5	5	9	7	09/21/99	Arnold, Jr. et al.	536	24.3	06/30/97
	AZ	5	9	5	8	9	0	1	09/28/99	Dwyet et al.	514	75	06/05/96
	BA	6	0	0	1	8	2	6	12/14/99	Murrer et al.	514	183	07/20/92
	BB	6	0	2	0	5	2	6	02/01/00	Schwartz et al.	564	153	07/22/96
	BC	6	0	2	8	1	8	8	02/22/00	Arnold, Jr. et al.	536	25.3	11/21/94
	BD	6	0	3	4	1	3	5	03/07/00	Schwartz et al.	514	616	03/06/97
PL	BE	6	2	1	7	8	4	5	04/17/01	Schwartz et al.	424	1.69	11/06/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
PL	BF	9	8	3	5	9	7	8	08/20/98	PCT				
	BG	0	0	0	8	0	4	2	02/17/00	PCT (A1)				
	BH	0	0	4	0	5	9	0	07/13/00	PCT (A2, A3)				X
PL	BI	0	1	0	9	3	8	5	02/08/01	PCT (A2)				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	BJ	Abrams et al., Technetium-99m-Human Polyclonal IgG Radiolabeled via the Hydrazino Nicotinamide Derivative for Imaging Focal Sites of Infection in Rats, <i>The Journal of Nuclear Medicine</i> 31(12): 2022-8 (1990).
	BK	Agrawal, S. (Ed.), <del>Protocols for Oligonucleotides and Analogs</del> , <i>Methods in Molecular Biology</i> 20 (Humana Press) <i>No Date</i>
PL	BL	Bischoff et al., Introduction of 5'-Terminal Functional Groups into Synthetic Oligonucleotides for Selective Immobilization, <i>Anal. Biochem.</i> 164: 336-44 (1987).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next

BEST AVAILABLE COPY

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-752	SERIAL NO. 09/630,627
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	BM	Browne, D.W. and G.M. Dyson, 47. The Inhibitory Effect of Substituents in Chemical Reactions. Part III. The Reactivity of the isoThiocyano-group in Substituted Arylthiocarbimides, <i>J. Chem. Soc.</i> pgs. 178-9 (1924)
	BN	Chang et al., Early Results in the International Design of New Bifunctional Chelators, <i>6th Conference on Radioimmuno-detection and Radioimmunotherapy of Cancer -Supplement to Cancer</i> 80: 2347-53 (1997).
	BO	Frutos et al., Reversible Protection and Reactive Patterning of Amine- and Hydroxyl-Terminated Self-Assembled Monolayers on Gold Surfaces for the Fabrication of Biopolymer Arrays, <i>Langmuir</i> 16: 2192-7 (2000).
	BP	Ghosh et al., Covalent attachment of oligonucleotides to solid supports, <i>Nucl. Acids. Res.</i> 15(3):5353-72 (1987).
	BQ	Ghosh et al., Synthesis of 5'-Oligonucleotide Hydrazide Derivatives and Their Use in Preparation of Enzyme-Nucleic Acid Hybridization Probes, <i>Anal. Biochem.</i> 178: 43-51 (1989).
	BR	Hakala et al., Detection of Oligonucleotide Hybridization on a Single Microparticle by Time-Resolved Fluorometry: Hybridization Assays on Polymer Particles obtained by Direct Solid Phase Assembly of the Oligonucleotide Probes, <i>Bioconjugate Chem.</i> 8: 378-84 (1997).
	BS	Hakala et al., Detection of Oligonucleotide Hybridization on a Single Microparticle by Time-Resolved Fluorometry: Quantiation and Optimization of a Sandwich Type Assay, <i>Bioconjugate Chem.</i> 9: 316-21 (1998).
	BT	Hogrefe, R.I., An Antisense Oligonucleotide Primer, <i>Antisense &amp; Nucleic Acid Drug Development</i> 9: 351-7 (1999).
	BU	Hogrefe et al., An Improved Method for the Synthesis and Deprotection of Methylphosphonate Oligonucleotides, <i>Chapter 7 in Methods in Molecular Biology</i> Vol. 20: <i>Protocols for Oligonucleotides and Analogs</i> Agrawal, S. (Ed.) Humana Press Inc., Totowa, NJ. pgs. 143-164 (1993).
	BV	Hnatowich et al., Comparative Properties of a Technetium-99m-Labeled Single Stranded Natural DNA and a Phosphorothioate Derivative <i>in Vitro</i> and in Mice, <i>The Journal of Pharmacology and Experimental Therapeutics</i> 276: 326-34 (1996).
V	BW	Hnatowich, D.J., Pharmacokinetics of 99m Tc-labeled oligonucleotides, <i>Q J Nucl. Med.</i> 40: 202-8 (1996).
PL	BX	Hnatowich et al., Technetium-99m Labeling of DNA Oligonucleotides, <i>The Journal of Nuclear Medicine</i> 36(12): 2306-14 (1995).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next

BEST AVAILABLE COPY

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-752	SERIAL NO. 09/630,627
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BEST AVAILABLE COPY

PL	BY	Kaneko et al., New Hydraone Derivatives of Adriamycin and Their Immunoconjugates--a Correlation between Acid Stability and Cytotoxicity, <i>Bioconjugate Chem.</i> <u>2(3)</u> : 133-41 (1991).
1	BZ	Kremsky et al., Immobilization of DNA via oligonucleotides containing an aldehyde or carboxylic acid group at the 5' terminus, <i>Nucl. Acids. Res.</i> <u>15(7)</u> : 2891-909 (1987).
	CA	Pidgeon et al., Solid Phase Membrane Mimetics: Immobilized Artificial Membranes, <i>Enzyme Microb. Technol.</i> <u>12</u> : 149-50 (1990).
	CB	Reynolds et al., Antisense oligonucleotides containing an internal non-nucleotide-based linker promote site-specific cleavage of RNA, <i>Nucl. Acids. Res.</i> <u>24(4)</u> : 760-5 (1996).
	CC	Reynolds et al., A Non-Nucleotide-Based Linking Method for the Preparation of Psoralen-Derivatized Methylphosphonate Oligonucleotides, <i>Bioconjugate Chem.</i> <u>3</u> : 366-74 (1992).
	CD	Reynolds et al., Synthesis and thermodynamics of oligonucleotides containing chirally pure Rp methylphosphonate linkages, <i>Nucl. Acids. Res.</i> <u>24(22)</u> : 4584-91 (1996).
	CE	Rogers et al., Immobilization of Oligonucleotides onto a Glass Support via Disulfide Bonds: A Method for Preparation of DNA Microarrays, <i>Anal. Biochem.</i> <u>266</u> : 23-30 (1999).
	CF	Rusckowski et al., Effect of Endogenous Biotin on the Applications of Streptavidin and Biotin in Mice, <i>Nuclear Medicine &amp; Biology</i> <u>24</u> : 263-8 (1997).
	CG	Rusckowski et al., Imaging Osteomyelitis with Streptavidin and Indium-111-Labeled Biotin, <i>J. Nuclear Medicine</i> <u>37</u> : 1655-62 (1996).
	CH	Rusckowski et al., Pretargeting Using Peptide Nucleic Acid, <i>6th Conference on Radioimmunodetection and radioimmunotherapy of Cancer -Supplement to Cancer</i> <u>80</u> : 2699-705 (1997).
	CI	Salo et al., Aminooxy Functionalized Oligonucleotides: Preparation, On-Support Derivatization, and Postsynthetic Attachment to Polymer Support, <i>Bioconjugate Chem.</i> <u>10</u> : 815-23 (1999).
	CJ	Salo et al., Disulfide-Tethered Solid Supports for Synthesis of Photoluminescent Oligonucleotide Conjugates: Hydrolytic Stability and Labeling on the Support, <i>Bioconjugate Chem.</i> <u>9</u> : 365-71 (1998).
V	CK	Schwartz et al., Preparation of Hydrazino-Modified Proteins and Their Use for the Synthesis of 99m Tc-Protein Conjugates, <i>Bioconjugate Chem.</i> <u>2</u> : 333-6 (1991).
PL	CL	Timofeev et al., Regioselective immobilization of short oligonucleotides to acrylic copolymer gels, <i>Nucl. Acids. Res.</i> <u>24(16)</u> : 3142-8 (1996).

EXAMINER

DATE CONSIDERED

8-7-06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-752	SERIAL NO. 09/630,627
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

R	CM	Trevisiol et al., The Oxyamino-Aldehyde Coupling Reaction: An Efficient Method for the Derivatization of Oligonucleotides, <i>Tetrahedron Letters</i> <u>38(50)</u> : 8687-90 (1997).
R	CN	Trevisiol et al., Synthesis of Nucleoside Triphosphate that Contain an Aminooxy Function for "Post-Ampification Labeling", <i>Eur. J. Org. Chem.</i> January 2000(N1): 211-7.
R	CO	Watkins, T.I., 585. Trypanocides of the Phenanthridine Series. Part I. The Effect of Changing the Quaternary Grouping in Dimidium Bromide, <i>J. Chem. Soc.</i> pgs. 3059-64 (1952).

BEST AVAILABLE COPY

EXAMINER

DATE CONSIDERED

8-7-06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 Modified)

ATTY. DOCKET NO.  
37154-0752SERIAL NO.  
09/630,627LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Schwartz *et al.*FILING DATE  
August 1, 2000GROUP  
1645

BEST AVAILABLE COPY

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
PC	AA	3	9	3	9	1	2	3	02/17/76	Matthews <i>et al.</i>	260	77.5	06/18/74
	AB	4	0	0	6	1	1	7	02/01/77	Merrifield	260	45.9	06/06/75
	AC	4	1	6	2	3	5	5	06/24/79	Tsibris	526	293	06/30/76
	AD	4	1	7	1	4	1	2	10/16/79	Coupek <i>et al.</i>	525	329	04/17/75
	AE	4	1	7	5	1	8	3	11/20/79	Ayers	536	57	05/24/78
	AF	4	1	7	7	0	3	8	12/04/79	Biebricher <i>et al.</i>	8	192	05/17/77
	AG	4	1	7	8	4	3	9	12/11/79	Ayers <i>et al.</i>	536	59	03/01/77
	AH	4	1	8	0	5	2	4	12/25/79	Reusser <i>et al.</i>	585	644	02/16/78
	AI	4	2	4	1	5	3	7	12/30/80	Wood	47	77	05/10/79
	AJ	4	3	3	7	0	6	3	06/29/82	Mihara <i>et al.</i>	23	230	03/03/80
	AK	4	4	0	4	2	8	9	09/13/83	Masuda <i>et al.</i>	436	538	09/02/81
	AL	4	4	0	5	7	1	1	09/20/83	Masuda <i>et al.</i>	435	4	09/02/81
	AM	4	4	3	9	5	8	5	03/27/84	Gould <i>et al.</i>	525	127	09/02/82
	AN	4	4	8	5	2	2	7	11/27/84	Fox	528	61	06/16/83
	AO	4	5	0	7	2	3	0	03/26/85	Tam <i>et al.</i>	260	112.5	05/12/82
	AP	4	5	6	9	9	8	1	02/11/86	Wenzel <i>et al.</i>	528	67	06/06/81
	AQ	4	6	8	3	2	0	2	07/28/87	Mullis	435	91	10/25/85
	AR	4	7	0	7	4	4	0	11/17/87	Stavrianopoulos	435	6	01/30/84
	AS	4	8	8	9	7	9	8	12/26/89	Rabbani	435	6	02/13/87
	AT	5	0	9	2	9	9	2	03/03/92	Crane <i>et al.</i>	210	198.2	05/17/91
	AU	5	2	0	6	3	7	0	04/27/93	Schwartz <i>et al.</i>	546	281	05/26/92
	AV	5	2	4	2	7	5	6	09/07/93	Hensel <i>et al.</i>	428	480	12/20/90
	AW	5	3	2	8	6	0	3	07/12/94	Velander <i>et al.</i>	210	198.2	08/19/92
PC	AX	5	3	3	4	6	4	0	08/02/94	Desai <i>et al.</i>	524	56	04/08/92

EXAMINER

DATE CONSIDERED

EXAMINER: initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-0752	SERIAL NO. 09/630.627
	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
PK	AY	5	3	8	9	4	4	9	02/14/95	Afeyan <i>et al.</i>	428	523	01/05/93
	AZ	5	4	0	3	7	5	0	04/01/95	Braatz <i>et al.</i>	436	531	04/08/91
	BA	5	4	2	0	2	8	5	05/30/95	Schwartz <i>et al.</i>	546	281	03/04/93
	BB	5	4	3	2	0	1	8	07/11/95	Dower <i>et al.</i>	435	5	06/20/91
	BC	5	4	8	6	6	1	6	01/23/96	Waggoner <i>et al.</i>	548	217	11/29/93
	BD	5	5	4	7	8	3	5	08/20/96	Koster	435	6	01/06/94
	BE	5	5	4	7	8	3	9	08/20/96	Dower <i>et al.</i>	435	6	12/06/90
	BF	5	5	5	6	7	5	2	09/17/96	Lockhart <i>et al.</i>	435	6	10/24/94
	BG	5	5	6	9	5	8	7	11/29/96	Waggoner <i>et al.</i>	435	6	04/19/95
	BH	5	5	6	9	7	6	6	10/29/96	Waggoner <i>et al.</i>	548	150	11/29/93
	BI	5	6	2	7	0	2	7	05/06/97	Waggoner	435	6	09/22/92
	BJ	5	7	4	1	4	6	2	04/21/98	Nova <i>et al.</i>	422	68.1	04/25/95
	BK	5	7	4	4	3	0	5	04/28/98	Fodor <i>et al.</i>	435	6	06/06/95
	BL	5	7	5	1	6	2	9	05/12/98	Nova <i>et al.</i>	365	151	06/07/95
	BM	5	7	5	3	5	2	0	05/19/98	Schwartz <i>et al.</i>	436	542	02/06/95
	BN	5	8	2	4	4	7	3	10/20/98	Meade <i>et al.</i>	435	6	06/07/95
	BO	5	8	7	4	2	1	4	02/23/99	Nova <i>et al.</i>	435	6	10/03/95
	BP	5	8	7	6	9	3	8	03/02/99	Stolowitz <i>et al.</i>	435	6	04/11/97
	BQ	5	9	2	5	5	6	2	07/20/99	Nova <i>et al.</i>	435	287.1	06/07/95
	BR	5	9	5	2	1	7	2	09/14/99	Meade <i>et al.</i>	435	6	06/12/97
	BS	5	9	6	1	9	2	3	10/05/99	Nova <i>et al.</i>	422	68.1	09/30/96
	BT	5	9	7	2	6	3	9	10/26/99	Parandoosh	435	29	07/24/97
V	BU	6	0	1	7	4	9	6	01/25/00	Nova <i>et al.</i>	422	68.1	09/06/96
PK	BV	6	0	2	5	1	2	9	02/15/00	Nova <i>et al.</i>	435	6	12/05/95

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

BEST AVAILABLE COPY

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
37154-0752SERIAL NO.  
09/630,627LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Schwartz *et al.*FILING DATE  
August 1, 2000GROUP  
1645

BEST AVAILABLE COPY

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>PL</i>	BW	6	0	6	6	4	4	8	05/23/00	Wohlstacter <i>et al.</i>	435	6	03/06/96
<i>PL</i>	BX	6	0	7	1	6	9	9	06/06/00	Meade <i>et al.</i>	435	6	06/19/98
<i>PL</i>	BY	6	0	7	4	8	2	3	06/13/00	Koster	435	6	11/06/96
<i>PL</i>	BZ	6	0	8	7	1	8	6	07/11/00	Cargill <i>et al.</i>	436	518	02/02/95

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation	
<i>PL</i>	CA	0	0	0	4	3	8	9	01/27/00	PCT				
	CB	0	0	0	4	3	8	2	01/27/00	PCT				
	CC	0	0	0	4	3	9	0	01/27/00	PCT				
	CD	0	3	6	1	7	6	8	09/19/89	EP A2				
	CE	0	3	8	4	7	6	9	02/23/90	EP B1, A2				
	CF	0	7	7	2	1	3	5	06/26/96	EP A1				
	CG	9	8	1	5	8	2	5	04/16/98	PCT				
<i>PL</i>	CH	9	8	3	1	7	3	2	07/23/98	PCT				
<i>PL</i>	CI	9	9	6	5	9	9	3	12/23/99	PCT				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>PL</i>	CJ	"IUPAC-IUB Commission on Biochemical Nomenclature, Abbreviated Nomenclature of Synthetic Polypeptides (Polymerized Amino Acids), Revised Recommendations (1971)," <i>Biochem. 11(5): 942-4 (1972).</i>
<i>PL</i>	CK	Adleman <i>et al.</i> "Molecular Computation of Solutions to Combinatorial Problems," <i>Science 266: 1021-4 (1994).</i>
<i>PL</i>	CL	Agrawal, S. "Importance of nucleotide sequence and chemical modifications of antisense oligonucleotides," <i>Biochim. Biophys. Acta. 1489: 53-68 (1999).</i>

EXAMINER

DATE CONSIDERED

*8-7-06*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next



FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-0752	SERIAL NO. 09/630,627
	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PC	CM	Berg <i>et al.</i> "Polystyrene-Grafted Polyethylene: Design of Film and felt Matrices for Solid-Phase Peptide Synthesis," <i>Innovation Perspect. Solid Phase Synth. Collect. Pap., Int. Symp., 1st</i> , Epton R. (Ed.) pp.453-9 (1989).
	CN	Berg <i>et al.</i> "Long-Chain Polystyrene-Grafted Polyethylene Film Matrix: A New Support for Solid-Phase Peptide Synthesis," <i>J. Am. Chem. Soc.</i> <u>111</u> : 8024-6 (1989).
	CO	Berg <i>et al.</i> "Peptide Synthesis on Polystyrene-Grafted Polyethylene Sheets," <i>Pept. Proc. Eur. Pept. Symp., 20th</i> , Jung, G. <i>et al.</i> (Eds.) pp. 196-8 (1989).
	CP	Bielinska <i>et al.</i> "Application of membrane-based dendrimer/DNA complexes for solid phase transfection in vitro and in vivo," <i>J. Biomaterials</i> <u>21</u> : 877-887 (2000).
	CQ	Blomqvist <i>et al.</i> "Rapid Detection of Human Rhinoviruses in Nasopharyngeal Aspirates by a Microwell Reserve Transcription-PCR-Hybridization Assay," <i>J. Clin. Microbiol.</i> <u>37</u> : 2813-6 (1999).
	CR	Brown, M.P. and Royer, C. "Fluorescence spectroscopy as a tool to investigate protein," <i>Curr. Opin. Biotechnol.</i> <u>8</u> : 45-9 (1997).
	CS	Carlsson, B. and Haggblad, J. "Quantitative Determination of DNA-Binding Parameters for the Human Estrogen Receptor in a Solid-Phase Nonseparation Assay," <i>Anal. Biochem.</i> <u>232</u> : 172-9 (1995).
	CT	Chen <i>et al.</i> "Stable-Isotope-Assisted MALDI-TOF Mass Spectrometry for Accurate Determination of Nucleotide Compositions of PCR Products," <u>71</u> : 3118-25 (1999).
	CU	Compagno <i>et al.</i> "Antisense Oligonucleotides Containing Modified Bases Inhibit <i>in Vitro</i> Translation of <i>Leishmania amazonensis</i> mRNAs by Invading the Mini-exon Hairpin," <i>J. Biol. Chem.</i> <u>274</u> : 8191-8 (1999).
	CV	Cristiano, R. J. and Roth, J.A. "Epidermal growth factor mediated DNA delivery into lung cancer cells via the epidermal growth factor receptor," <i>Cancer Gene Therapy</i> <u>3</u> : 4-10 (1996).
	CW	Crooke, S.T. "Molecular mechanisms of action of antisense drugs," <i>Biochim. Biophys. Acta.</i> <u>1489</u> : 31-44 (1999).
	CX	De Benedetti <i>et al.</i> "DNA chips: the future of biomarkers," <i>Int. J. Biol. Markers</i> <u>15(1)</u> : 1-9 (2000).
V	CY	Earnshaw <i>et al.</i> "Investigation of the Proposed Interdomain Ribose Zipper in Hairpin Ribozyme Cleavage Using 2'-Modified Nucleosides," <i>Biochemistry</i> <u>39</u> : 6410-21 (2000).
PC	CZ	Feinberg <i>et al.</i> "A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity," <i>Anal. Biochem.</i> <u>132</u> : 6-13 (1983).

BEST AVAILABLE COPY

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next

FORM PTO-1449 (Modified)	ATTY. DOCKET NO.	SERIAL NO.
	37154-0752	09/630,627
	APPLICANT Schwartz <i>et al.</i>	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE	GROUP
	August 1, 2000	1645

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	DA	Filippov <i>et al.</i> "Solid-Phase Ligation of Synthetic DNA Fragments," <i>Bioorg Khim.</i> <u>16</u> : 1045-51 (1990).
	DB	Flanagan <i>et al.</i> "A cytosine analog that confers enhanced potency to antisense oligonucleotides," <i>Proc. Natl. Acad. Sci. USA</i> <u>96</u> : 3513-8 (1999).
	DC	Frutos <i>et al.</i> "Demonstration of a word design strategy for DNA computing on surfaces," <i>Nucl. Acids Res.</i> <u>25</u> : 4748-57 (1997).
	DD	Frutos <i>et al.</i> "Enzymatic Ligation Reactions of DNA 'Words' on Surfaces for DNA Computing," <i>J. Am. Chem. Soc.</i> <u>120</u> (40): 10277-82 (1998).
	DE	Fujita, K. and Silver, J. "Surprising Lability of Biotin-Streptavidin Bond During Transcription of Biotinylated DNA Bound to Paramagnetic Streptavidin Beads," <i>Biotechniques</i> <u>14</u> (4): 608-17 (1993).
	DF	Gottschalk <i>et al.</i> "Efficient gene delivery and expression in mammalian cells using DNA coupled with perfringolysin O," <i>Gene Therapy</i> <u>2</u> : 498-503 (1995).
	DG	Greene, T.W. and Wuts, P.G.M. (Eds.) <i>Protective Groups in Organic Synthesis</i> 3rd ed. (J. Wiley & Sons, Inc.) (1999).
	DH	Gryaznov, S.M. "Oligonucleotide N3' -> P5' phosphoramidates as potential therapeutic agents," <i>Biochim. Biophys. Acta</i> <u>1489</u> : 131-40 (1999).
	DI	Hermanson <i>et al.</i> <i>Immobilized Affinity Ligand Techniques</i> (Academic Press, Inc., San Diego) 1992.
	DJ	Hoganson <i>et al.</i> "Targeted Delivery of DNA Encoding Cytotoxic Proteins through High-Affinity Fibroblast Growth Factor Receptors," <i>Human Gene Therapy</i> <u>9</u> : 2565-75 (1998).
	DK	Hostomsky <i>et al.</i> "Solid-phase assembly of DNA duplexes from synthetic oligonucleotides," <i>Nucl. Acid. Symp. Ser.</i> <u>18</u> : 241-244 (1987).
	DL	Hultman <i>et al.</i> "Solid-phase cloning to create sublibraries suitable for DNA sequencing," <i>J. Biotechnol.</i> <u>35</u> : 229-38 (1994).
V	DM	Kari, L. "DNA Computing: Arrival of Biological Mathematics," <i>Mathematical Intelligencer</i> <u>19</u> : 9-22 (1997).
PL	DN	Kent, S.B.H. and Merrifield, R.B. Preparation and Properties of <i>tert</i> -Butyloxycarbonylaminoacyl-4-(oxymethyl)phenylacetamidomethyl-(Kel F-g-styrene) Resin, an Insoluble, Noncrosslinked Support for Solid Phase Peptide Synthesis," <i>Isr. J. Chem.</i> <u>17</u> : 243-7 (1978).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-0752	SERIAL NO. 09/630,627
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PC	DO	Kozwicz <i>et al.</i> "Development of a Novel, Rapid, Integrated <i>Cryptosporidium parvum</i> Detection Assay," <i>Appl. Environ. Microbiol.</i> <u>66</u> (6): 2711-7 (2000)
	DP	Kumar, Abhay <i>et al.</i> "Nonradioactive Labeling of Synthetic Oligonucleotide Probes with Terminal Deoxynucleotidyl Transferase," <i>Anal. Biochem.</i> <u>169</u> : 376-82 (1988).
	DQ	Lannutti <i>et al.</i> "Probing the Protein - DNA Contacts of a Yeast RNA Polymerase III Transcription Complex in a Crude Extract: Solid Phase Synthesis of DNA Photoaffinity Probes Containing a Novel Photoreactive Deoxycytidine Analog," <i>Biochemistry</i> <u>35</u> : 9821-31 (1996).
	DR	Lee <i>et al.</i> "Direct Measurement of the Forces Between Complementary Strands of DNA," <i>Science</i> <u>266</u> : 771-3 (1994).
	DS	Lees <i>et al.</i> "Activation of soluble polysaccharides with 1-cyano-4-dimethylaminopyridinium tetrafluoroborate for use in protein-polysaccharide conjugate vaccines and immunological reagents," <i>Vaccine</i> <u>14</u> : 190-8 (1996).
	DT	Liu <i>et al.</i> "DNA computing on surfaces," <i>Nature</i> <u>403</u> : 175-9 (2000).
	DU	Liu <i>et al.</i> "Progress toward demonstration of a surface based DNA computation: a one word approach to solve a model satisfiability problem," <i>BioSystems</i> <u>52</u> : 25-33 (1999).
	DV	Liu <i>et al.</i> "DNA Computing on Surfaces: Encoding Information at the Single Base Level," <i>J. Comp. Biol.</i> <u>5</u> : 269-278 (1998).
	DW	Lu <i>et al.</i> "Antisense DNA Delivery In Vivo: Liver Targeting by Receptor-Mediated Uptake," <i>J. Nucl. Med.</i> <u>35</u> : 269-75 (1994).
	DX	Maeji <i>et al.</i> "Grafted supports used with the multipin method of peptide synthesis," <i>Reactive Polymers</i> <u>22</u> : 203-12 (1994).
	DY	Marble <i>et al.</i> "RNA Transcription from Immobilized DNA Templates," <i>Biotechnol. Prog.</i> <u>11</u> : 393-6 (1995).
	DZ	Merrifield, R.B. "Solid-Phase Peptide Synthesis. III. An Improved Synthesis of Bradykinin," <i>Biochemistry</i> <u>3</u> : 1385-90 (1964).
V	EA	Mitchell <i>et al.</i> "Preparation of Aminomethyl-Polystyrene Resin by Direct Amidomethylation," <i>Tetrahedron Lett.</i> <u>42</u> : 3795-8 (1976).
PC	EB	Mitchell, A.R., Kent S.B.H. <i>et al.</i> "A New Synthetic Route to <i>tert</i> -Butyloxycarbonylaminoacyl-4-(oxymethyl)phenylacetamidomethyl-resin, an Improved Support for Solid-Phase Synthesis," <i>J. Org. Chem.</i> <u>43</u> : 2845-52 (1978).

BEST AVAILABLE COPY

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-0752	SERIAL NO. 09/630,627
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

BEST AVAILABLE COPY

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PC	EC	Morishita, R. "Oligonucleotide-based therapy as a potential new pharmacotherapy," <i>Folia Pharmacol. Jpn. (Nippon Yakurigaku Zasshi)</i> <u>115</u> : 123-30 (2000).
	ED	Muddiman <i>et al.</i> "Length and Base Composition of PCR-Amplified Nucleic Acids Using Mass Measurements from Electrospray Ionization Mass Spectrometry," <i>Anal. Chem.</i> <u>69(8)</u> : 1543-1549 (1997).
	EE	Mustajoki <i>et al.</i> "Steady-State Transcript Levels of the Porphobilinogen-Deaminase Gene in Patients with Acute Intermittent Porphyria," <i>Genome Res.</i> <u>7</u> : 1054-60 (1997).
	EF	Niemeyer <i>et al.</i> "Oligonucleotide-directed self-assembly of proteins: semisynthetic DNA-streptavidin hybrid molecules as connectors for the generation of macroscopic arrays and the construction of supramolecular bioconjugates," <i>Nucl. Acids Res.</i> <u>22(25)</u> : 5530-9 (1994).
	EG	Perales <i>et al.</i> "An evaluation of receptor-mediated gene transfer using synthetic DNA-ligand complexes," <i>Eur. J. Biochem.</i> <u>226</u> : 255-66 (1994).
	EH	Pinkel <i>et al.</i> "Cytogenetic analysis using quantitative, high-sensitivity, fluorescence hybridization," <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> : 2934-8 (1986).
	EI	Powers <i>et al.</i> "Protein Purification by Affinity Binding to Unilamellar Vesicles," <i>Biotechnol. Bioorg.</i> <u>33</u> : 173-82 (1989).
	EJ	Reed, M.A. and Tror, J.M. "Computing with Molecules," <i>Scientific American</i> (June 2000) pp. 86-93
	EK	Rigby <i>et al.</i> "Labeling Deoxyribonucleic Acid to High Specific Activity <i>in Vitro</i> by Nick Translation with DNA Polymerase I," <i>J. Mol. Biol.</i> <u>113</u> : 237-51 (1977).
	EL	Roth, A. and Messer, W. "The DNA binding domain of the initiator protein," <i>EMBO J.</i> <u>14</u> : 2106-11 (1995).
	EM	Salles <i>et al.</i> "DNA damage excision repair in microplate wells with chemiluminescence detection: Development and perspectives," <i>Biochimie</i> <u>81</u> : 53-8 (1999).
↓	EN	Shafer, D.E., Lees, A. <i>et al.</i> "Activation of soluble polysaccharides with 1-cyano-4-dimethylaminopyridinium tetrafluoroborate (CDAP) for use in protein-polysaccharide conjugates vaccines and immunological reagents. II. Selective crosslinking of proteins to CDAP-activated polysaccharides," <i>Vaccine</i> <u>18</u> : 1273-81 (2000).
PL	EO	Shirota <i>et al.</i> "Regulation of Murine Airway Eosinophilia and Th2 Cells by Antigen-Conjugated CpG Oligodeoxynucleotides as a Novel Antigen-Specific Immunomodulator," <i>J. Immunol.</i> <u>164</u> : 5575-82 (2000).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 37154-0752	SERIAL NO. 09/630,627
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Schwartz <i>et al.</i>	
	FILING DATE August 1, 2000	GROUP 1645

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	EP	Smith <i>et al.</i> "A Surface-Based Approach to DNA Computation," <i>J. Comp. Biol.</i> <u>5</u> (2): 255-67 (1998).
PL	EQ	Verheijen <i>et al.</i> "Incorporation of a 4-Hydroxy-N-acetylprolinol Nucleotide Analogue Improves the 3'-Exonuclease Stability of 2'- 5'- Oligoadenylate-Antisense Conjugates," <i>Bioorg. Med. Chem. Lett.</i> <u>10</u> : 801-4 (2000).
PL	ER	Wang <i>et al.</i> "Surface-based DNA computing operations: DESTROY and READOUT," <i>BioSystems</i> <u>52</u> : 189-91 (1999).

BEST AVAILABLE COPY

EXAMINER

DATE CONSIDERED

8-7-06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant